



The

GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society
May 2019 <http://www.gars.org/> Volume 28, Issue 5



GARS Meeting: Electromagnetic Pulse: Is It Real?, by Greg Abernathy AI4UD



Tuesday, May 14, 2019 7:00 pm at the EAA 690 Hangar

Message from the President

We are entering the most exciting time of the year to be a Ham. By the time you are reading this, many of our members (including me this year) will have travelled to Dayton (or Xenia now) to Hamvention. When I graduated from college and entered the working world, I made my first trip to Dayton around 1977. I had been to Hamfests before, but nothing of the size of Hamvention. I don't think it was called Hamvention back then. It was just Dayton, but everyone knew it was the

"mecca" of Amateur Radio. It would be another 25 years before returning to Dayton, but it was still at Hara Arena where I had visited before with a lot more wear from the years. Hara Arena is now history and this will be my first visit to the new location at Xenia. I hear it's still the amazing experience it's always been.

Later this month is the event with a long history for GARS. The Dacula Memorial Day Parade is one of the few events honoring our veterans who serve and have served for our great country. GARS has supported the parade for many years helping to line up the participants in the correct order and keeping things moving. We will also be honoring one of our own members, Marq Collins WJ4ORG, a veteran who became a Silent Key this year. Look for the GARS convertible in the parade honoring Marq's service to our country. Remember, it's not too late to volunteer to help with the parade.

The event of the summer is not that far off. Field Day 2019 is right around the corner next month so reserve that weekend for fun, fellowship, operating and of course, good food. We're hoping for the bands to cooperate, but we'll make



"Field Day 2019 is right around the corner next month so reserve that weekend for fun, fellowship, operating and of course, good food."

many, many contacts regardless of band conditions. GARS has the best location we've ever had over the years with the pavilion at Harbins Park allowing very comfortable 24 hour operation. Did I say good food? As in past years, we intend to operate class 8A with eight stations operating. Two CW, two digital and four voice will be our complement with plenty of opportunities to get time on the air. Don't forget to come out on Saturday morning to help setup and on Sunday afternoon at 2:00pm

for wrapping up.

Have a great month and get on the air!

73,

**WB4QDX,
Club
President**

"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."

[Author Unknown]

GARS May Meeting and Workshop

Electromagnetic Pulse: Is It Real?

By Greg Abernathy, AI4UD

Tuesday, May 14, 2019 7:00 pm

Soldering 101

by Dave Adanich, K8WDJ

Tuesday, May 21, 2019 7:00 pm

Sports Aviation Complex—Hangar 1
690 Airport Road
Lawrenceville, GA 30045
[Directions to EAA Hangar](#)

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GARS Communications

<u>2 Meter Repeaters</u> 147.075(+) MHz Tone 82.5 147.255(+) MHz Tone 107.2	<u>6 Meter Repeater</u> 53.110 (-1 MHz) No Tone (Offline for Maintenance)
<u>1.25 Meter Repeater</u> 224.580(-) MHz Tone 100.0, 1.6 MHz Offset	Other Resources: <u>APRS</u> 144.390 -- 1200 Baud W4GR
<u>70 Cm Repeaters</u> 444.525(+) MHz Tone 82.5 442.100(+) MHz Tone 100 442.325(+) MHz Tone 100	<u>D-STAR</u> WD4STR 145.060 + (1.4 MHz) 440.550 + (5 MHz)

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Cover Image: EMP simulator HAGII-C testing a [Boeing E-4](#) aircraft.

https://upload.wikimedia.org/wikipedia/commons/6/69/E-4_advanced_airborne_command_post_EMP_sim.jpg

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

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If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: editor@gars.org Bill Eggers—WB2RIS 470-238-9603



GARS Happenings

20 Years ago in the May 1999 GARzette:

- 2 new GARS nets are to be hosted: the “People’s Library Net”, hosted by Thornton, KF4LGX; and the 6 meter net, hosted by Marty, KE4MLH and Susan, AF4FO;
- This month’s “On The Air” by Karl Phillips, K4GZZ, features Buddy Menshaw, KE4YZS;
- The FCC drops the Amateur Enforcement phone line in favor of postal mail and email;
- Bill HB-1345, A version of the Federal Bill PRB-1 (the “Tower Bill”), clears the Texas Senate;
- UoSAT-12 has been launched and is functioning normally;
- GARS members participate in the March of Dimes Walk-a-thon and the Boy Scout Jamboree;
- The “Shack of the Month” features a DIY project to help work with heavy ham gear;
- Steve K7LXC discusses the 10 most Common Tower Building Mistakes;
- Barry N1TOQ discusses Generators from A to Z.



You can always browse the GARzette archive at <http://www.gars.org/newsletters>

73, *Bill*, WB2RIS, GARzette Editor

GARS HELP WANTED

- **TechFest Chairperson**—We need someone to step up and take the reins as Chairman for our annual TechFest. The current Chairman is resigning after two successful events. The job entails inviting and coordinating exhibitors and forum speakers. There is a list of former exhibitors with their contact information. So, there is no need to start from scratch. Also coordinating with other team members about food, ticket sales, sound systems and promotion. These jobs are being done by members who have done it in the past and are fully capable of doing their jobs.

You will be responsible for acquiring the Raffle Grand Prize and arranging with the Treasurer about the money. The chairman also is responsible for contacting the venue (GMC Resource Center) to schedule the event; as well as the ARRL to register the event for inclusion in their publications. Most of this job is handled by e-mail which can be done at your convenience. The out-going chairman will work with you and help you along the way. This is an important job for the club, we need you!

- **Winter Field Day (WFD) Chairperson** -- a volunteer is needed to organize and coordinate next year's Winter Field Day operating event in January, 2020 and beyond. The chairperson will schedule the facility, recruit station captains and volunteers to organize food and antennas. The outgoing Chairperson (Dave, W4DTR) will train you if needed.
- **Elmer Chair**—need someone to coordinate matching up Elmers (mentors) with new hams. (Perhaps you had one when you were a new ham?)

If you're interested in volunteering for one of these positions, please contact one of the GARS Officers. Supporting GARS activities is an important part of what we do and help from club members is needed.

[PS— Articles to publish in the GARzette, either written by GARS members or published elsewhere, are always welcome. —Ed.]

GARS Happenings (Cont'd)

Tower Project at N4GYN QTH

To bring you up to date, I have been sharing my station to the world of Ham Radio via RemoteHams.com for the past 4-5 years. Their “Client” software is a very nice all-in-one package that makes it possible for anyone with a Ham license to use stations like mine remotely. It includes VOIP (Voice Over Internet Protocol) so you don't need to use yet another app to perform that service. It also includes the ability to turn my yagi antenna remotely. This means that my beam has been turned A LOT over the years, and it finally stopped working a couple of months ago.

I was totally convinced that I needed to replace the thrust bearing since it seemed a little “rough” when I installed it 9 years ago. When turning it with my hands it seemed like the bearings were already worn and might not last very long. Thus, my reasoning at that point in time.

I put out a call to the GARS members asking if anyone could help me get it replaced. I can't climb the tower anymore, and even though my tower is a “Tilt-over” tower, I knew I would need help reaching that part of the antenna system to replace that part.

9 members of GARS plus 1 other friend of mine, Jim Webb – W4NTA, came to my rescue and on Saturday, March 27th, they showed up at 10 am to git-er-done. We tilted the tower over, but discovered that the “small” Japanese Maple tree at the base of the tower had grown so much that it wasn't possible to lower it enough to reach the top of the tower where the bearing was located. So we winched it back up and locked it down and Larry Whitehead - AB4NX volunteered to climb the tower and see what he could determine was wrong. Larry had brought his complete tower climbing harness and associated gear and I must say he looked really impressive as he mounted the N4GYN tower.

Larry loosened the mast in the rotator, and lo-and-behold, he was able to turn the mast (with 2 yagi's and a vertical on top) freely. That meant that the problem was probably the rotator. With great difficulty, Larry was able to leverage the mast up a few inches and lock the mast down in the thrust bearing, and finally lower the rotator mounting place enough to remove the TailTwister rotator and lower it to the ground.



(Continued on page 6)

GARS Happenings (Cont'd)

(Continued from page 5)

We brought the rotator into the house and hooked it up directly to the controller and it sounded like a thrashing machine when we tried to operate it. * sigh * It was time to call HRO and see if they had one I could buy, and the answer was YES! My friend Jim Webb offered to drive down to HRO and get it for me while I stayed and kept the crew entertained (not). While Jim was driving for that hour and a half, and we were all taking a break, Sherryl – N3MIU, with the help of Pam Meridy – WB1AKQ and Phil McCleary - N4LNE, set up a nice lunch for everyone downstairs on the patio and we had a very enjoyable time chatting about everything Ham Radio and more.



I want to send a BIG THANKS to Larry for all that tower climbing, and staying up there for such a long time getting the new rotator installed and hooked up and the mast back in place and oriented to South. I was tired just watching him. And I want to THANK EVERYONE who came and gave your time and help to get my station back in operation with the rotator working!

Ray Bailey – N4GYN

<https://n4gyn-ray.com/my-remote/>

GARS mentioned on “So Now What?” Podcast

Thanks to Bob Hoffman, K4CQO for alerting us to the podcast.

I just listened to the ARRL So Now What and they spent a good time talking about GARS and also mentioned the W1AW tour and how good that he felt with the response that he received back from the GARS members after the tour.

Here is the link to the So Now What: <https://www.blubrry.com/arrlnowwhat/43673442/4-finding-the-right-club-for-you/>

About “So Now What?”

ARRL is launching a new bi-weekly podcast geared to those who are just getting started on their Amateur Radio adventure. Whether you're new to the hobby or looking to get back on the air after an absence, we know that you've got lots of questions. So does podcast co-host Michelle Patnode, W3MVP, ARRL communications content producer.

Fortunately, she's got co-host Joe Carcia, NJ1Q, W1AW station manager and ARRL Lab member, to help her learn more about this hobby.



Join Michelle and Joe as they explore the topics that every newcomer to amateur radio needs to know.

The official sponsor of the So Now What? podcast is LDG Electronics.

For more information check out <http://www.arrl.org/so-now-what>

Beginner's Corner

Lighthouses on the Air

This time we will look at one of the last “OTA” programs that we are aware of, Lighthouses on The Air. Lighthouses have fascinated people on land, as well as on sea. One of the earliest lighthouses was in the Roman Empire. There is some romanticism about a lonely lighthouse keeper climbing the stairs of a lighthouse near a fog-shrouded sea to illuminate the lighthouse’s location. Lighthouses have served as a warning of dangerous reefs, and as friendly harbors. It is no wonder that they attract people, and it is no wonder that they attract amateur radio operators. We “portable people” want to activate anything!

There are 13 lighthouse locations listed in Georgia. I counted 48 locations in Florida 26 locations in South Carolina. Keep in mind that these are present and past locations. I was fortunate to be retired military (20 years in the USAF). I have access to Mayport Naval Air Station. There are two lighthouses on the installation. We found the biggest lighthouse right near the edge of the installation. My wife and I thought about it and thought, “Since we can get on the station, why not go in and get really close?” so we did. We also looked around, and there is a much smaller lighthouse in the center of the installation, that only those with on-base access can get to.

There is a group called “The Amateur Radio Lighthouse Society” (<http://arlhs.com/>) They are devoted to maritime communications, amateur radio, lighthouses, and lightships. Its members travel to lighthouses around the world where they operate amateur radio equipment at or near the light. Collecting lighthouse QSLs is popular for some amateur radio operators. ARLHS is a membership organization with over 1665 members worldwide. Key points include:

- To promote public awareness of the role ham radio and light beacons have played in assisting and maintaining safety at sea;
- To preserve the heritage and history of lighthouses and lightships;
- To aid in preserving those lights in danger of destruction or decay;
- To recognize the keepers of the lights as maritime heroes;
- To foster camaraderie within the ham fraternity;
- To provide fellowship amongst nations and members of the Amateur Radio Lighthouse Society.



St John's Lighthouse, Mayport NAS, FL

This “OTA” has a current membership fee of \$15.00. If you're a lighthouse enthusiast, you will likely agree it is worth the price to belong. The Amateur Lighthouse Society (ARLHS) maintains a catalog of over 15,000 lighthouses around the world. They may be active or historical. As with any “OTA”, you can be an activator or a chaser. Chasing can be done from home, and we are fortunate to be only a few hours from a number of lighthouses to activate one.

There is much to much information about amateur radio and lighthouses to include here, so the interested reader is requested to do a browser search of “lighthouses on the air” for further information. For me, I want to pack my bags and head off to one of these lighthouses and start activating.

One final thought, look for the Frequently Asked Questions in the ARLHS (<http://arlhs.com/faq/what-is-meant-by-activating-a-light/>) before you go for the rules. There is some good advice here for activating lighthouses, or any other activation.

This will be a fun activation too.

73 de *David Harden*, KJ4CMY

Gwinnett ARES Highlights

By Karen Whited, AB4NW

Meetings are held the 4th Tuesday at 7:30 pm at the EOC on Hi Hope Road. If you are interested in emergency communications, contact Hall Collier W4IGE at w4ige@arrl.net.

MARCH MEETING - March 26

The members were divided up into teams to consider this scenario: communications have been lost between the 911 center and Police and Fire. The teams brainstormed how the precincts and stations would be staffed, man-hours required, equipment needed, digital modes to be used, setting up a net control, and record keeping.

APRIL MEETING – April 23

A presentation was given by Mark Bell N7GRB on our hospital team duties and responsibilities at the three Gwinnett hospitals. Larry Whited AB4NX gave an update on progress at hospitals within the Metro District and outlined future goals.



March 30, 2019

The Georgia Death Race is an annual 70-ish mile trail marathon in the mountains of North Georgia. The event begins at Vogel State Park and finishes at Amicalola Falls State Park. There are ten aid stations with accompanying ham radio station checkpoints. The radio teams track the runners from checkpoint to checkpoint to assure everyone is accounted for. With no cell phone coverage, the teams meet an important need of providing communications for the race organizers and the safety of the runners. Larry Whited AB4NX participated from Gwinnett ARES.



ARES TRAILER ON DISPLAY AT THE SCOUT SHOW - April 20, 2019

The 9th Annual Scout Show offered a unique display of Scouting traditions, games, outdoor programs, local community vendors, and exhibitors.

Conducted by hundreds of Scouts of all

ages, there were live demonstrations and interactive displays of Scouting skills and outdoor activities. Steve Back W2OGY operated special event station KK4BSA from our ARES trailer and introduced about 25 Scouts and their parents to amateur radio.



MEMBER PROFILE: Earl Whitley AF4FG



Earl lives in Lawrenceville and is originally from Birmingham. He is married to Nova KF4HLG and has three children: Beth, Robert, and Rebecca, and three grandchildren: Sarah, Meghan, and Chloe. Earl attended Auburn University and worked for the Otis Elevator Company

and as a home inspector. He was first licensed in 1964 as WN4OFW and became AF4FG in 1994. He has been an ARES member for 15 years and also a GARS member for 25 years. His shack features an FT-DX1200, FT-450, FT-350, FT-8800, and various HT's. His antennas are two dipoles and one vertical. His favorite ham radio activity is DX, and he enjoys fishing.



Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only SEVEN primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Don - KW4AL	Ray - N4GYN	Bill - KK4AUA
David - KA4KKF	Kevin - KK4WOG	Chuck - KK4TKJ
Russell - AB4QQ		

As GARS Net Manager (Chuck KK4TKJ), I really need 26 people to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club.

The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

Chuck McCord, KK4TKJ

GARS Net Manager

GARS Membership Page

New GARS Members in April

Shane Bailey (KN4SUV)
Charles Chauvin (KN4TQB)
James Hawkins (KF4RX)
John King (WT4AG)
Clifford Lindsey (W4CWL)
Brad Wagner (N4BEW)

New Members: 6

Total Members as of May 1, 2019
323

**Join GARS members for our
weekly breakfast gathering at
7:30 AM most Saturdays**

at

Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043

([Directions](#))

**The following members are
celebrating birthdays
in May:**

HAPPY BIRTHDAY!!
From All of Us at GARS

Charles Allport (WS4TOT)
Timothy Atkin
William Bentley (KJ4MXM)
Charles Chauvin (KN4TQB)
Maggie Colley (KM4PTW)
Steve Garrison (N4TTY)
Bill Grimes (KK4AUA)
William Hawkins (WR1TR)
Tim Johnson (KN4RFP)
Sandra Lovelace (KF4BUW)
Gregory Mann (KM4RKT)
David Mattison (KD4PCK)
Delmar Mc Cue (K0DCM)
Robert Prisant (KN4GZG)
Kimberley Romero
Thaddeus Ruchalski (KK4DFM)
Ade Shamblin (KJ4CUY)
Larry Thill (W4LJT)
Brad Wagner (N4BEW)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ

EXTRA! EXTRA!

Repeater Status

6M	currently down
147.075	Operational in Snellville
147.255	Operational in Snellville
224.580	Operational in Grayson
442.100	Operational at Goshen Springs
442.325	Operational in Buford
444.525	Operational in Snellville

Link remote receivers being added



Robert (Mike) Smith
5191 La Paloma Dr.
Lilburn, GA 30047
Phone (404)-509-3104
Smithrm70@hotmail.com

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GARS on Social Media

GARS has moved from Yahoo Groups
to Groups.io!

If you were subscribed to the
Yahoo group, you have been automatically
enrolled in Groups.io!



Join GARS on Groups.io:
<http://gars.org/groups.io>



Visit GARS on Facebook:
<http://gars.org/facebook>








Join GARS on YouTube:
<http://gars.org/youtube>















Follow GARS on Twitter:
<http://gars.org/twitter>

GARS Volunteers





OFFICERS

John Davis, President	WB4QDX	
Sandy Jackson, Vice President	KJ4DRO	
Joe Biddle, Secretary	AD4PZ	
Pam Meridy, Treasurer	WB1AKQ	
Randy Collins, Program Manager	N4COR	

COMMITTEE CHAIRS

Karen Albritton, Membership Chair and Public Information Officer	KI4HPP	
Dave Bruse, VE Team & Workshop Leader and Winter Field Day Chair	W4DTR	
David Adcock, Webmaster and Field Day Chair	KA4KKF	
Ralph Pickwick, Apparel Manager and Education Chair	KJ4CNC	
Neal Gilchrist, TechFest Chair	W4HNG	
Bill Eggers, GARzette Editor	WB2RIS	
Eddie Foust, Repeater Chair	WD4JEM	
Mike Weathers, WAS-Checker and Historian	ND4V	
Chuck McCord, Net Manager	KK4TKJ	
Mike Swiderski, Technical / RFI Advisor	K4HBI	
Mark Kozma, GA QSO Party Chair	KD3GC	
Kyle Albritton, Multimedia Chair	W4KDA	

DIRECTORS AND TRUSTEES

Kyle Albritton	W4KDA	
Mike Weathers	ND4V	
Rick Cobb	N4XYY	
Bill Cherepy, W4GR Trustee	WB4WTN	

GARS MEETING MINUTES

Gwinnett Amateur Radio Society – GENERAL Meeting Minutes 4/9/2019

President John Davis (WB4QDX) Opened the meeting at 7:00pm and Closed the meeting at 8:45pm
EAA Facility, 690 Hanger Rd. Lawrenceville, GA.

Introductions and Visitors: Visitors were recognized and full Introductions of the [65] attendees followed.

Treasurer: Pam Meridy (WB1AKQ) was absent and no financial report was given.

Membership Report: Karen Albritton (KI4HPP) via Dave W4DTR reported that Membership is at [328].

Program Chair: Randy Collins (N4COR)

Upcoming Programs:

- May – Electromagnetic Pulse (EMP) by Greg Abernathy (AI4UD)
- June – FD Ice Cream
- July – Last Man Standing TV Show Operating by WB4QDX. KE4IKF and WA4YIH
- Aug – Drone Antenna Launching (Tentative)
- Sept – Morse Code by W4QO

GARS Education – Ralph (KJ4CNC)

- Mason Elementary Stem Day had 6 groups of 30, 5th graders that got on the air with numerous GARS members
- A Fox Hunt is scheduled with Archer Elementary on April 10
- Holding a School Field Day on the 17th at McConnell Middle School

Techfest 2020 – Neal (W4HNG) Neal is looking for an apprentice to eventually take over of this chairmanship.

GARS Workshop Program: David (W4DTR) outlined the next few workshop sessions coming up:

- April - Web SDR by Bill (WB4WTN)
- May – Soldering 101 'Why am I doing this wrong' by Dave (K8WDJ)
- June – David (KA4KKF) will demonstrate N3FJP logging software. There will also be some demonstrations with live Single Side Band for tip and tricks.

Steve (WB2OGY) announced that the North East Counsel Scout Show would be demonstrating Amateur Radio in the ARES trailer this weekend. Inviting folks to stop by and participate or just visit.

Community Education - Norm (WA4ZXV) reports the Atlanta Science Festival at Piedmont Park went well and had numerous visitors.

Community Service – Dacula Memorial Day Parade – Earl (AF4FG) is still asking for volunteers for **27th of May** for this Only Memorial Day Parade in Georgia. If you do not have an HT, there will be ones available to use. A fly over is again scheduled this year.

Georgia QSO Party Chair - Mark (Koz) KOZMA (KD3GC) reminds us that, we'll be operating this weekend in the EAA Hanger. Rigs, antennas and food is being coordinated and scheduled.

Field Day 2019 – Chairman David (KA4KKF) reminds us of the Field Day coming up. Breakfast, lunch dinner, midnight ice cream is scheduled. He covered some of the rules, rigs and points system. 1st contact certificates will be issued.

Field Day Tee Shirt organizer - Ralph (KJ4CNC) reminds us of the Field Day tee shirts design contest and that Tee Shirts are on sale now. See www.gars.org. Send orders or Tee shirt design entries to: **Ralph (KJ4CNC)**

Fundraiser 'Dog Show' – David (KA4KKF) Thanks everyone who came out to volunteer at this first Gwinnett location showing. The number of volunteers made it easier to accommodate breaks, as they were needed.

Break:

Program Virtual Tour of W1AW via Skype and Paul Kelly (W4KLY)

Submitted by: **Joe Biddle (AD4PZ) GARS Secretary**

ARRL CONTESTING INFO

From ARRL Contest Calendar

> For more information click the links <

(no contests in May)

June 2019

8-10 [June VHF](#)
15 [Kid's Day](#)
22-23 [Field Day](#)

July 2019

13-14 [IARU HF World Championship](#)

August 2019

3-4 [222 MHz and Up Distance Contest](#)
17-18 [10 GHz & Up - Round 1](#)
18 [Rookie Roundup - RTTY](#)

September 2019

14-16 [September VHF](#)
21-22 [10 GHz & Up - Round 2](#)
21-22 [EME - 2.3 GHz & Up](#)

October 2019

19-20 [EME - 50 to 1296 MHz](#)
21-25 [School Club Roundup](#)

November 2019

2-4 [Nov. Sweepstakes - CW](#)
16-17 [EME - 50 to 1296 MHz](#)
16-18 [Nov. Sweepstakes - Phone](#)

December 2019

6-8 [160 Meter](#)
14-15 [10 Meter](#)
15 [Rookie Roundup-CW](#)

January 2020

1 [Straight Key Night](#)
4 [Kid's Day](#)
4-5 [RTTY Roundup](#)
18-20 [January VHF Sweepstakes](#)

February 2020

10-14 [School Club Roundup](#)
15-16 [International DX - CW](#)

March 2020

7-8 [International DX- Phone](#)

April 2020

19 [Rookie Roundup - Phone](#)

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

05/17/2019 | [2019 ARRL National Convention at Dayton Hamvention®](#)

Location: Xenia, OH

Type: ARRL Convention

Sponsor: Dayton Amateur Radio Association

Website: <http://hamvention.org>

06/01/2019 | [Georgia Section Convention, Atlanta Hamfest](#)

Location: Marietta, GA

Type: ARRL Convention

Sponsor: Atlanta Radio Club W4DOC, Kennehoochee
Amateur Radio Club W4BTI

Website: <http://www.atlantahamfest.org>

06/15/2019 | [Knoxville Hamfest](#)

Location: Knoxville, TN

Type: ARRL Hamfest

Sponsor: Radio Amateur Club of Knoxville

Website: <http://www.w4bbb.org/>

07/27/2019 | [WCARS Hamfest 2019](#)

Location: Waynesville, NC

Type: ARRL Hamfest

Sponsor: Western Carolina Amateur Radio Society

Website: <http://www.wcars.org/wcarshamfest.htm>

08/17/2019 | [Alabama State Convention, Huntsville Hamfest](#)

Location: Huntsville, AL

Type: ARRL Convention

Sponsor: Huntsville Hamfest

Website: <http://hamfest.org>

08/30/2019 | [Shelby Hamfest](#)

Location: Shelby, NC

Type: ARRL Hamfest

Sponsor: Shelby Amateur Radio Club

Website: <http://shelbyhamfest.org>

For more information: <http://www.arrl.org/hamfests-and-conventions-calendar>

When searching by division, remember some states adjacent to GA are in different divisions:

Southeastern: GA, AL, FL Delta: TN Roanoke: NC, SC

GARS Events Calendar for 2019		GARS Recurring Calendar
TechFest (www.techfest.info)	January 26	<ul style="list-style-type: none">♦ 2nd Tuesday of the month at 7 pm (except December): Monthly Club Meeting♦ 3rd Tuesday of the month at 7 pm (except December): Monthly Workshop♦ 2nd Sunday of the Month at 2 pm: GARS Ham Exam Session Fire Station #24 2735 Mall of Georgia Blvd Buford, GA 30519♦ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net on the GARS 147.075 MHz repeater♦ Every Monday at 8:30 pm: ARES Training on the GARS 147.075 MHz repeater♦ Most Saturdays at 7:30 am: GARS Weekly Breakfast Golden Corral Restaurant 2155 Riverside Parkway, Lawrenceville, GA 30043
Winter Field Day	(same day as TechFest, not scheduled for 2019)	
General HamCram	March 16 & 23	
Dog Show Fundraiser	March 28 - 31	
Georgia QSO Party	April 13 & 14	
North metro area Fox Hunt	April	
May Madness	May	
Memorial Day Parade	May 27	
ARC/KARC Hamfest	June 1	
Field Day	June 22 & 23	
Tech HamCram	July	
JOTA	October	
Maker Faire	October	
Stone Mt. Hamfest	November 2 & 3	
Holiday Party	December	
<div>June GARS Meeting: Ice Cream Social at Harbins Park (Field Day Site)</div>		

GARS CALENDAR OF EVENTS FOR MAY 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
April 28	April 29 7:30 - 8:00 pm GARS 2m Net	April 30	1	2	3	4 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
5	6 7:30 - 8:00 pm GARS 2m Net	7	8	9	10	11 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
12 GARS VE Team Testing Session Starts at 2:00 pm HAPPY MOTHER'S DAY	13 7:30 - 8:00 pm GARS 2m Net	14 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Meeting	15	16	17	18 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
19	20 7:30 - 8:00 pm GARS 2m Net	21 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Workshop	22	34	24	25 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
26	27 7:30 - 8:00 pm GARS 2m Net Memorial Day Parade Dacula, GA	28	29	30	31	June 1 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive

Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>.

First Sunday, ODD Months

2 pm (Jan, Mar, May, Jul, Sep, & Nov)

VEC: WCARS

Braselton Public Utility Building

4986 Highway 53, Braselton, GA

Contact: Roger Gibson, WB4T

(770) 271-4210 or (770) 712-9560

w4rlg@bellsouth.net

First Sunday, EVEN Months

2 pm (Feb, Apr, Jun, Aug, Oct, Dec)

VEC: WCARS

Hall County EOC

470 Crescent Dr. Gainesville, Ga.

Contact: Perry Roper, KO4RD

(770) 536-3056

Second Saturday

10:00 AM

Alpharetta North Park, Adult Activities Center

13450 Cogburn Rd, Alpharetta, GA 30004

Contact: Ian Kahn, KM4IK

E-mail: km4ik.ian@gmail.com

Third Saturday, ODD Months

VEC: ARRL

9:30 am (Appointments required, no walk-ins)

Stone Mountain Masonic Lodge

840 VFW Drive

Stone Mountain, GA 30083

Contact: Frank Haynes, KV4SP

Email: fhaynes@vatmom.net

(678) 467-3712

Second Sunday

VEC: W5YI

2 pm

Fire Station #24

Mall of Georgia Boulevard

Buford, GA 30519

Contact: Dave Bruse, W4DTR

E-mail: exams@gars.org

First Sunday, EVEN Months

VEC: WCARS and W5YI

2 pm @ Barrow Co. Emerg. Serv. Bldg

66 McElroy Street

Winder, GA 30680

Contact: Mike Wolcott, W4WYI

(404) 281-6581

E-mail: W4WYI@ARRL.net

(cont. next column)

Ham Exam Results

April Results

We had a very successful exam session on Sunday. Three applicants tested and all three passed their Technician exam.

Thanks to the following VE's who made the session possible.

- Steve Back, WB2OGY
- Pam Meridy, WB1AKQ
- Nick Doemland, AB4CQ
- Dave Bruse, W4DTR (CVE)
- Russell Prevost, AB4QQ
- Greg Freeman, W1ROO
- Robert Hoffman, K4CQO
- Richard Kitz, KM4SWL
- Frank Haynes, KV4SP

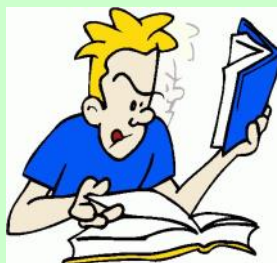
73, *Sid*, N4NQ (Co-CVE)

GARS VE Team Leaders

E-mail: exams@gars.org

GARS VE Website:

<http://gars.org/exams>



Fourth Tuesday

ARRL VEC

7 pm @ United Way Service Center

6279 Fairburn Rd., Douglasville

Contact: Jessie Clower, KB4WFK

(770) 942-6466

Fourth Sunday

2:30 pm Georgia Tech

VanLeer Elec. Building

Rm. W218, 777 Atlantic Dr.

For more information go to

www.w4aql.com and click on "Test Sessions"

Metro Club Meetings

First Tuesday

Kennehoochee ARC

Downtown Marietta

Fire Station #1, Training Room

112 Haynes Street

Marietta, Georgia 30060

Meeting begins at 7:00pm

Talk In 146.880(-)

First Thursday

Atlanta Radio Club

Georgia Red Cross HQ

1955 Monroe Dr., Atlanta

Meeting is at 7:30pm

Talk In -146.820(-)

N.E. Georgia ARC

Commerce Public Library

1344 South Broad Street, Commerce

Meeting is at 6:30pm

Talk In - 147.225(+), PL 123.0

Second Monday

Georgia Tech ARC

Room W218

Van Leer Electrical Engineering Bldg.

Georgia Tech Campus

Meeting at 7:00pm

Second Thursday

Alford Memorial Radio Club

Annistown Road Baptist Church

Annistown Rd & Spain Rd

Stone Mountain

Dinner at 6:00pm, Meeting at 7:30pm

Talk In - 146.760(-)

Second Saturday

North GA QRP Club

Board Room of The Shepherd Center

2020 Peachtree Rd, NW, Atlanta

at 10:00 AM

Third Tuesday

North Fulton Amateur Radio League

Alpharetta Recreation & Parks Dept

Alpharetta Adult Activity Center

13450 Cogburn Road

Alpharetta, GA 30004

meeting at 7:30pm

Talk In - 145.47(-)

For more information, go to:

<http://www.gars.org/>

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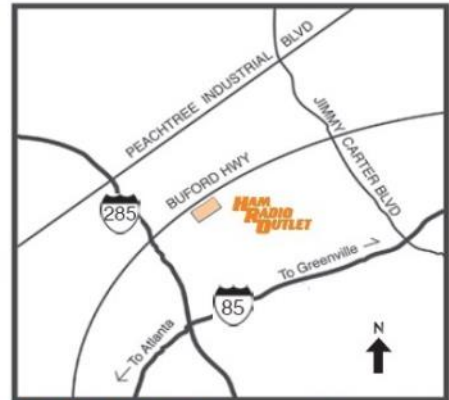
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